

FIGURE 1

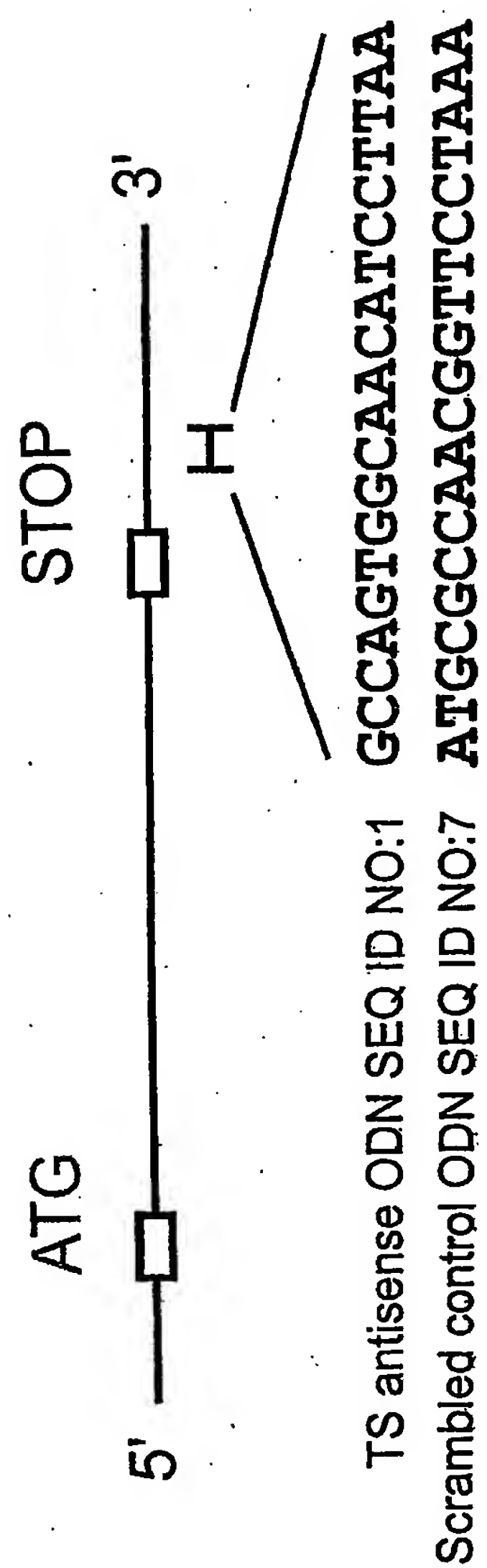
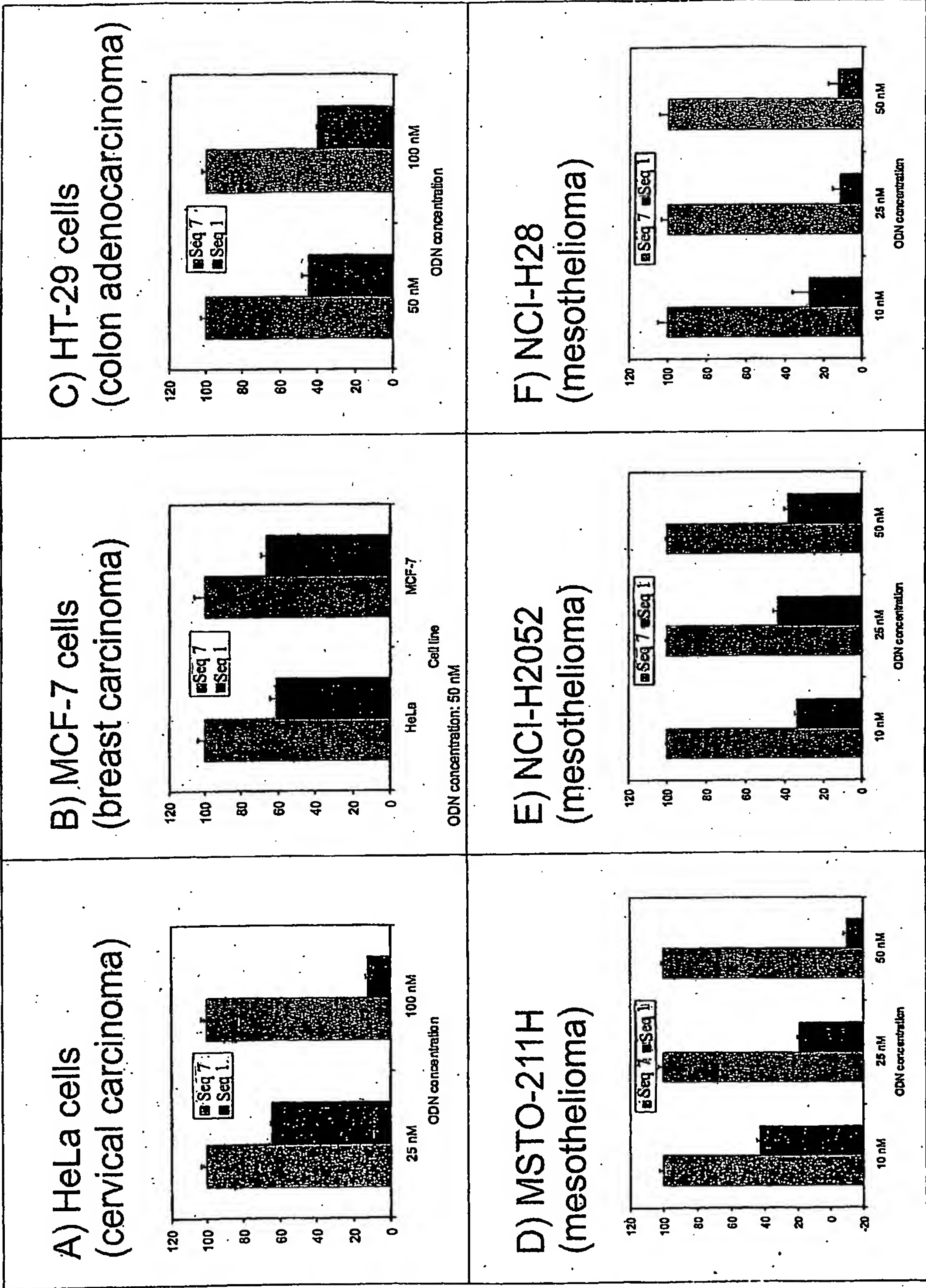


FIGURE 2



Cell proliferation rate (percent of control)

FIGURE 3

A

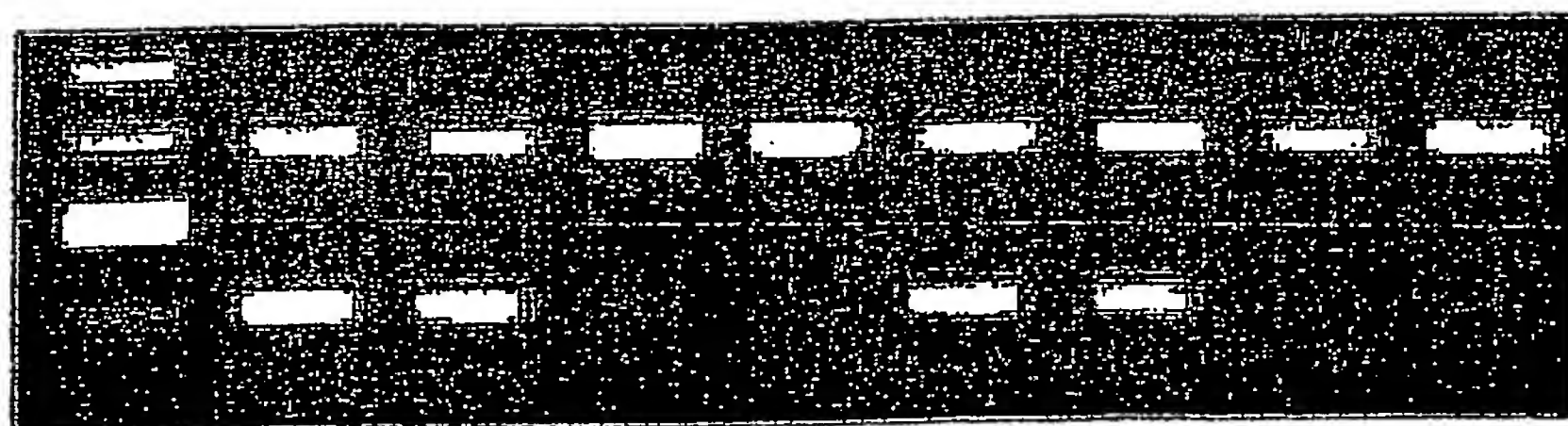
SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 24 24 24 36 36 36 36

GAP



TS



HeLa

B

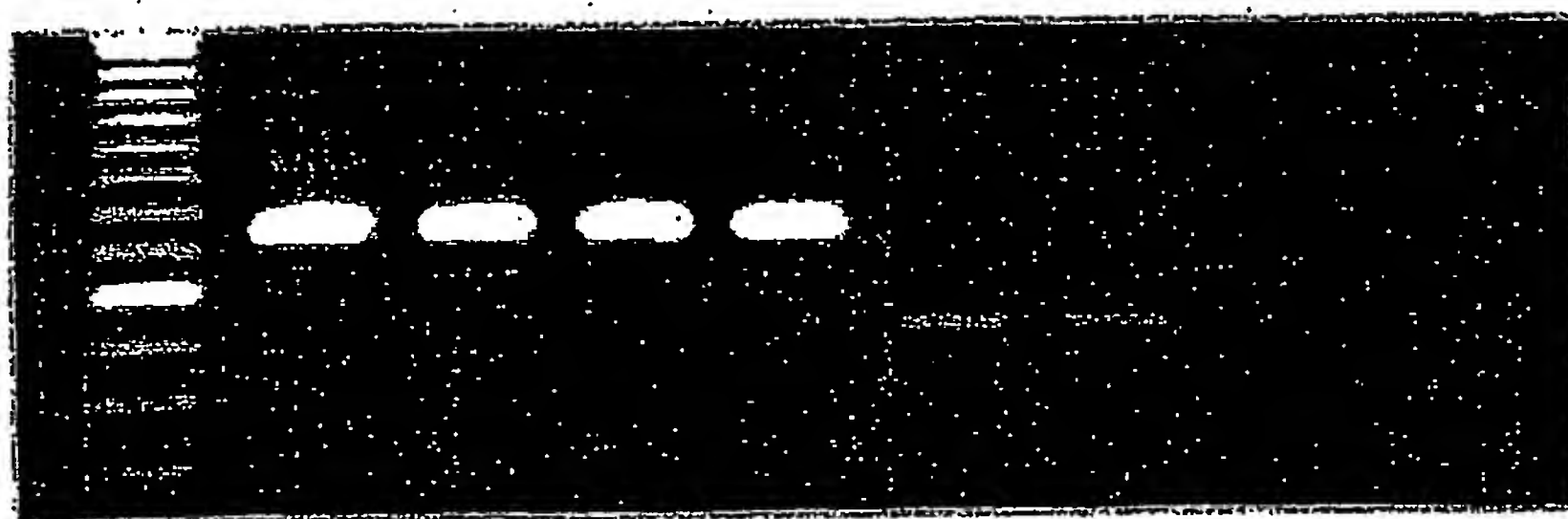
SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 48 24 48 24 48 24 48

GAP



TS



HT-29

C

SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 24 24 24 48 48 48 48

GAP



TS



MCF-7

FIGURE 4

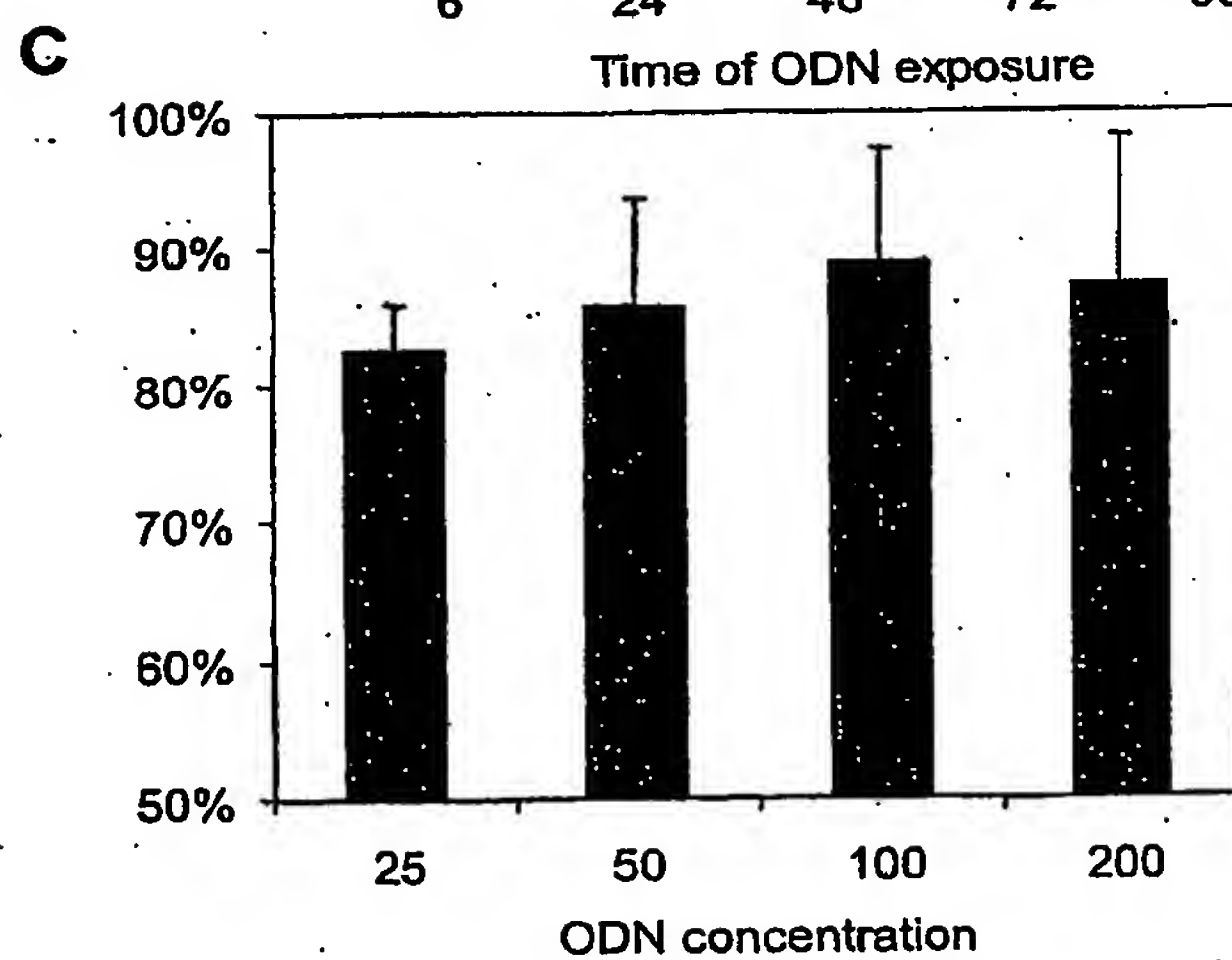
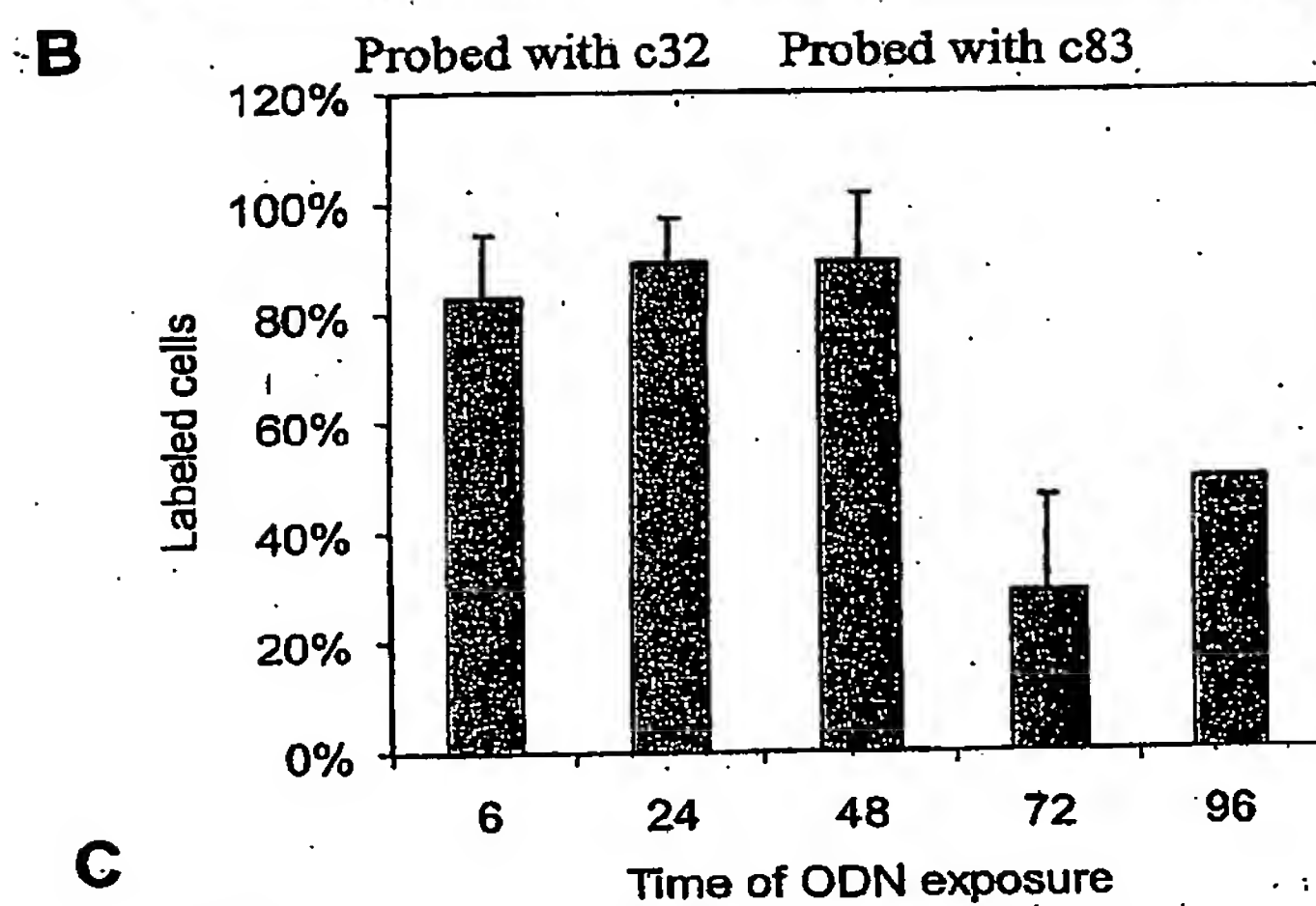
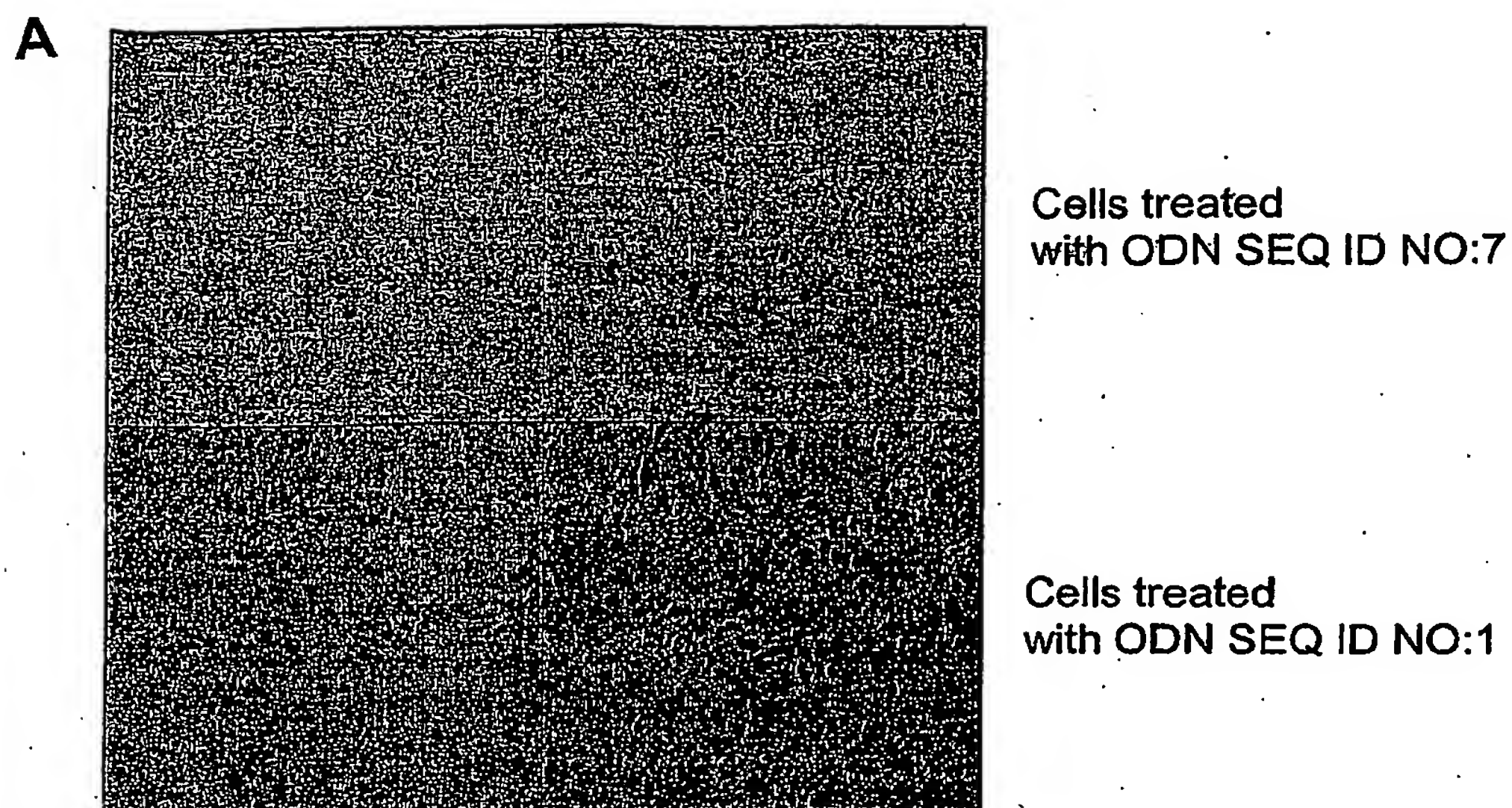


FIGURE 5

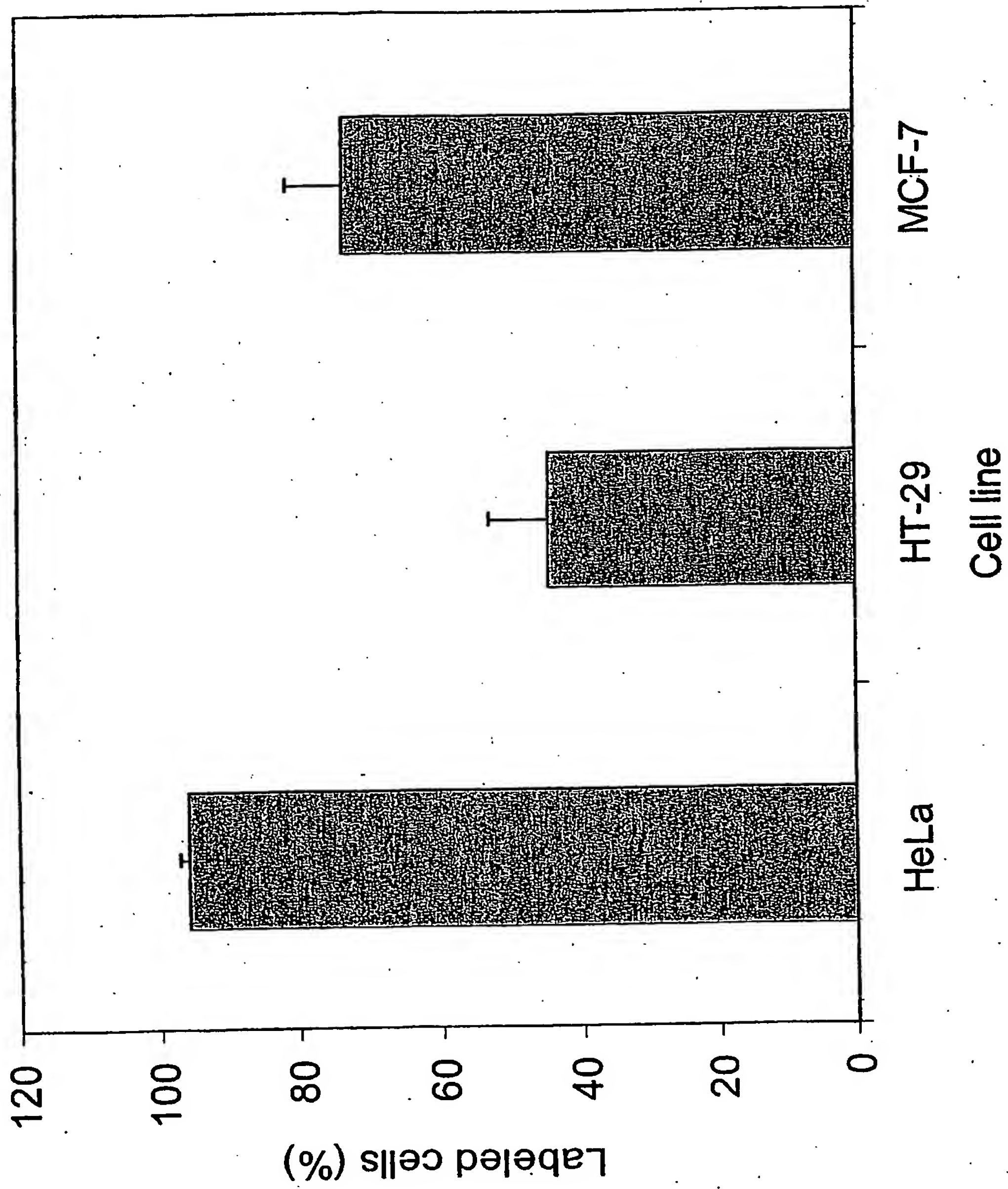


FIGURE 6

ODN SEQ ID NO:1 sensitizes HT-29 colon carcinoma cells to TS-targeting drugs

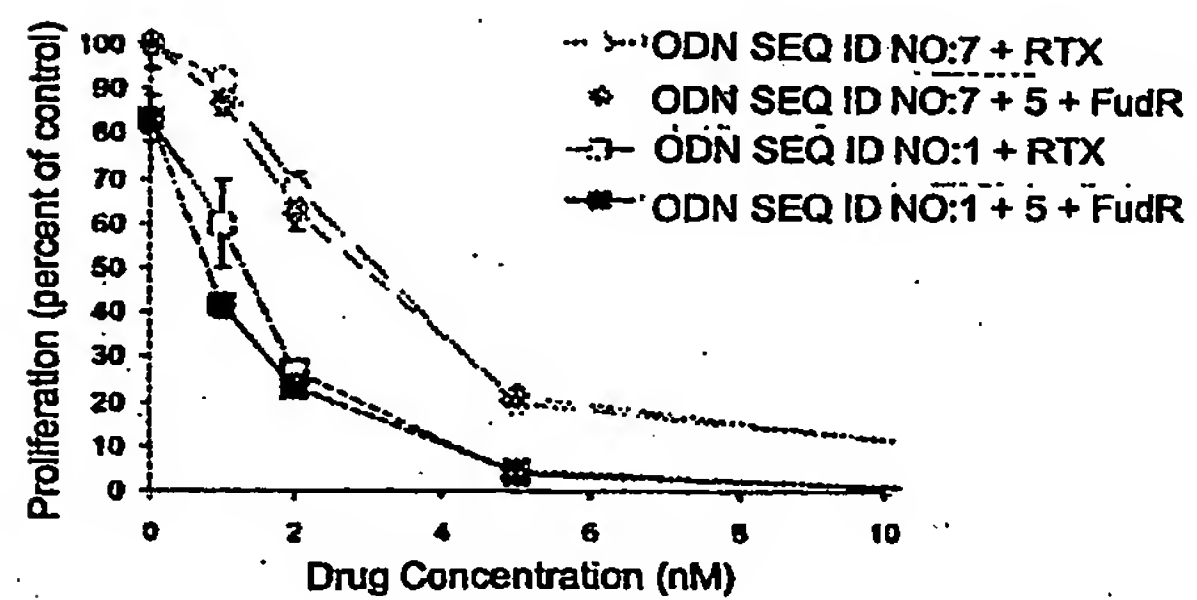
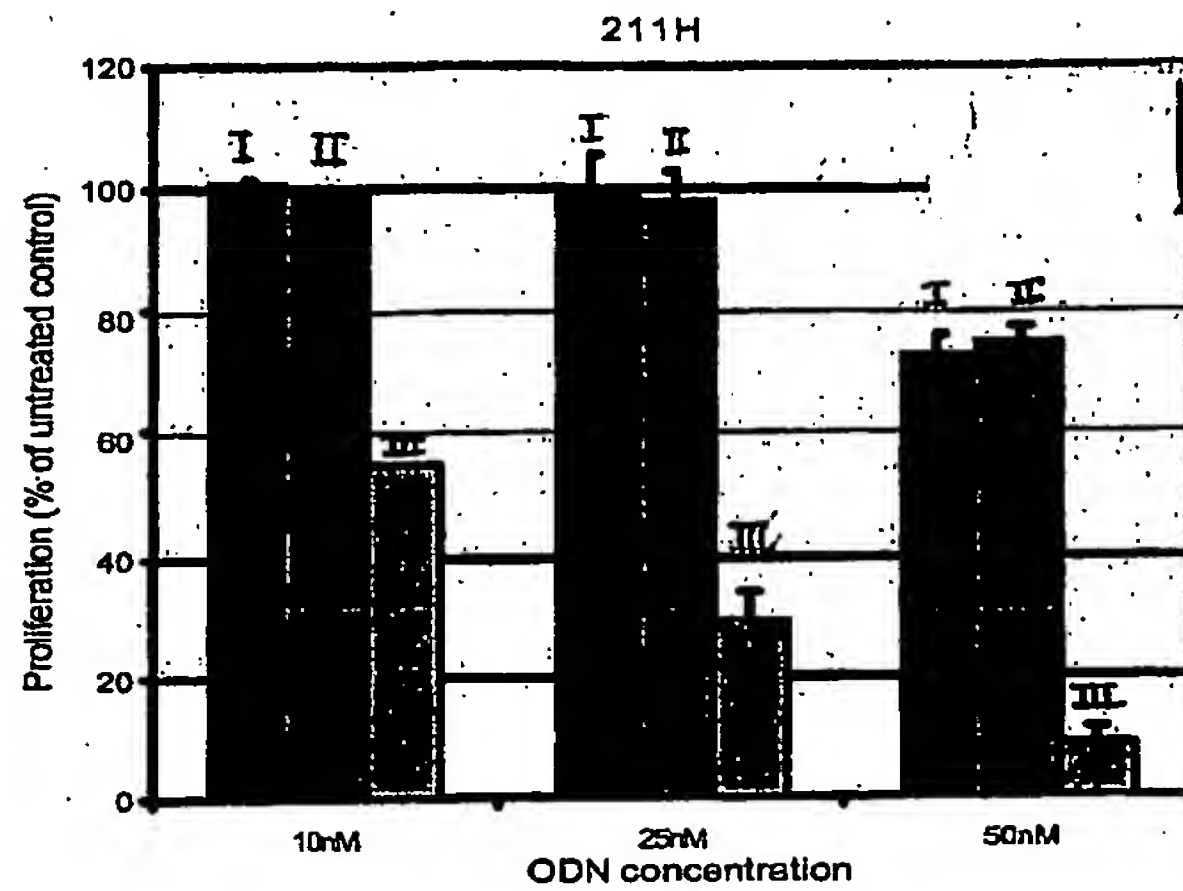
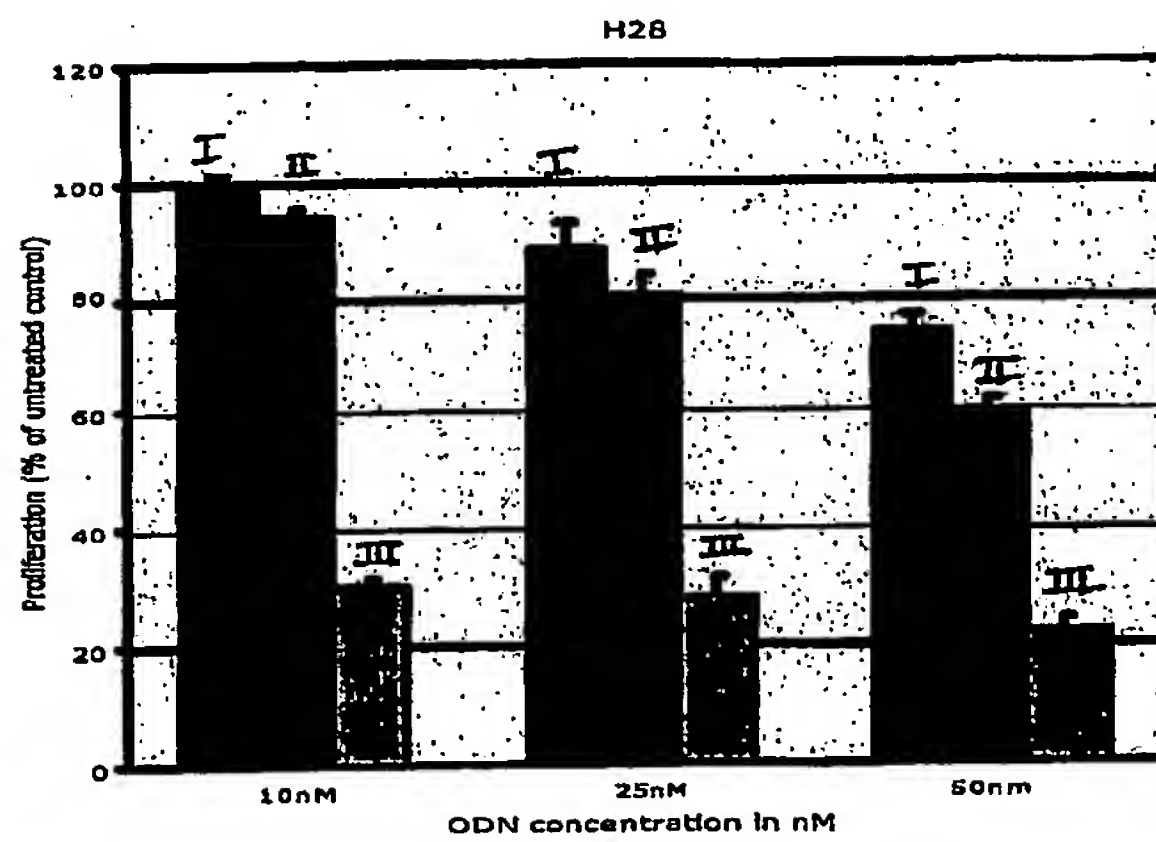


Figure 7 SEQ ID NO:1 Inhibits Proliferation of Mesothelioma Cells



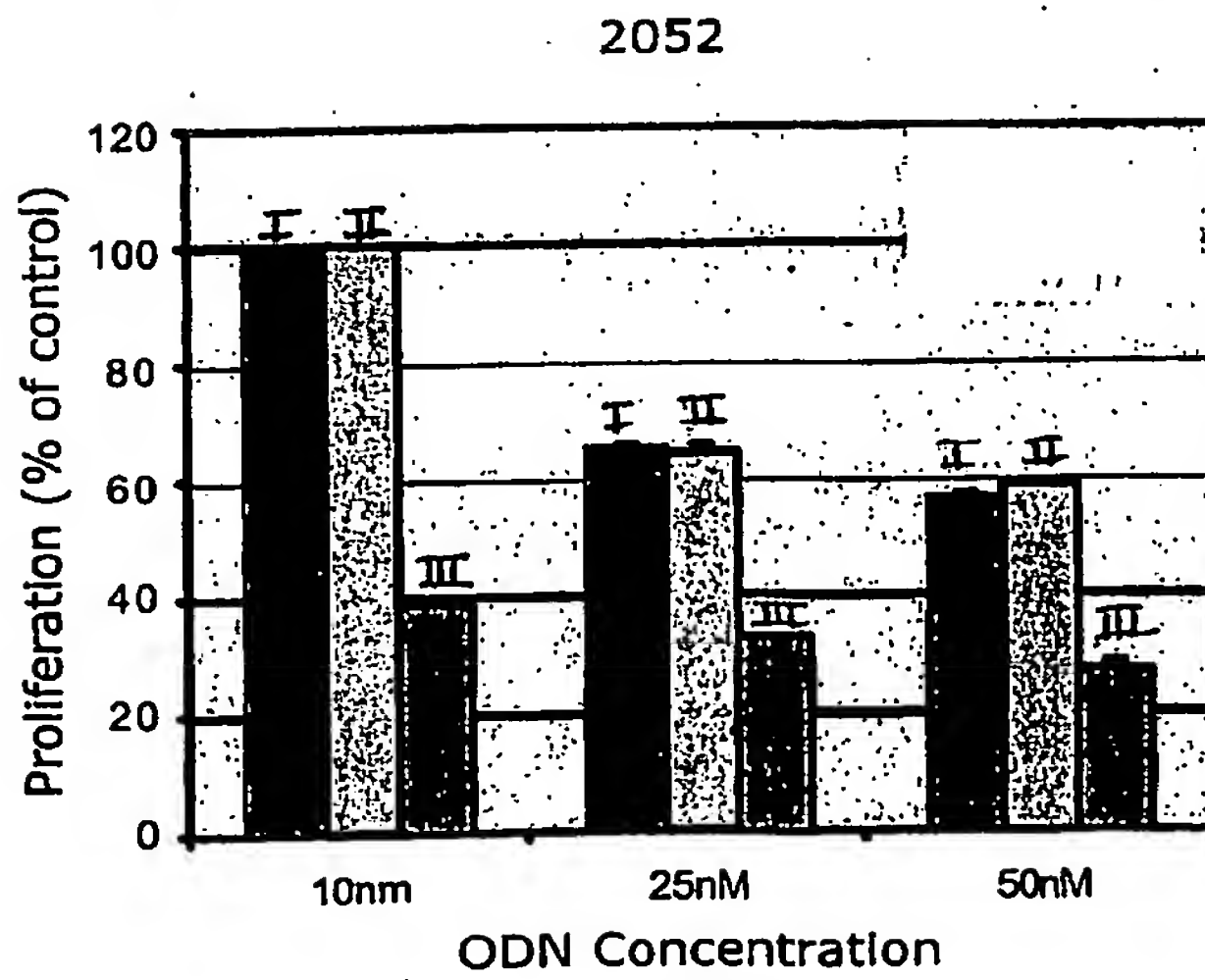
A

I FA alone
II SEQ ID NO: 7
III SEQ ID NO: 1



B

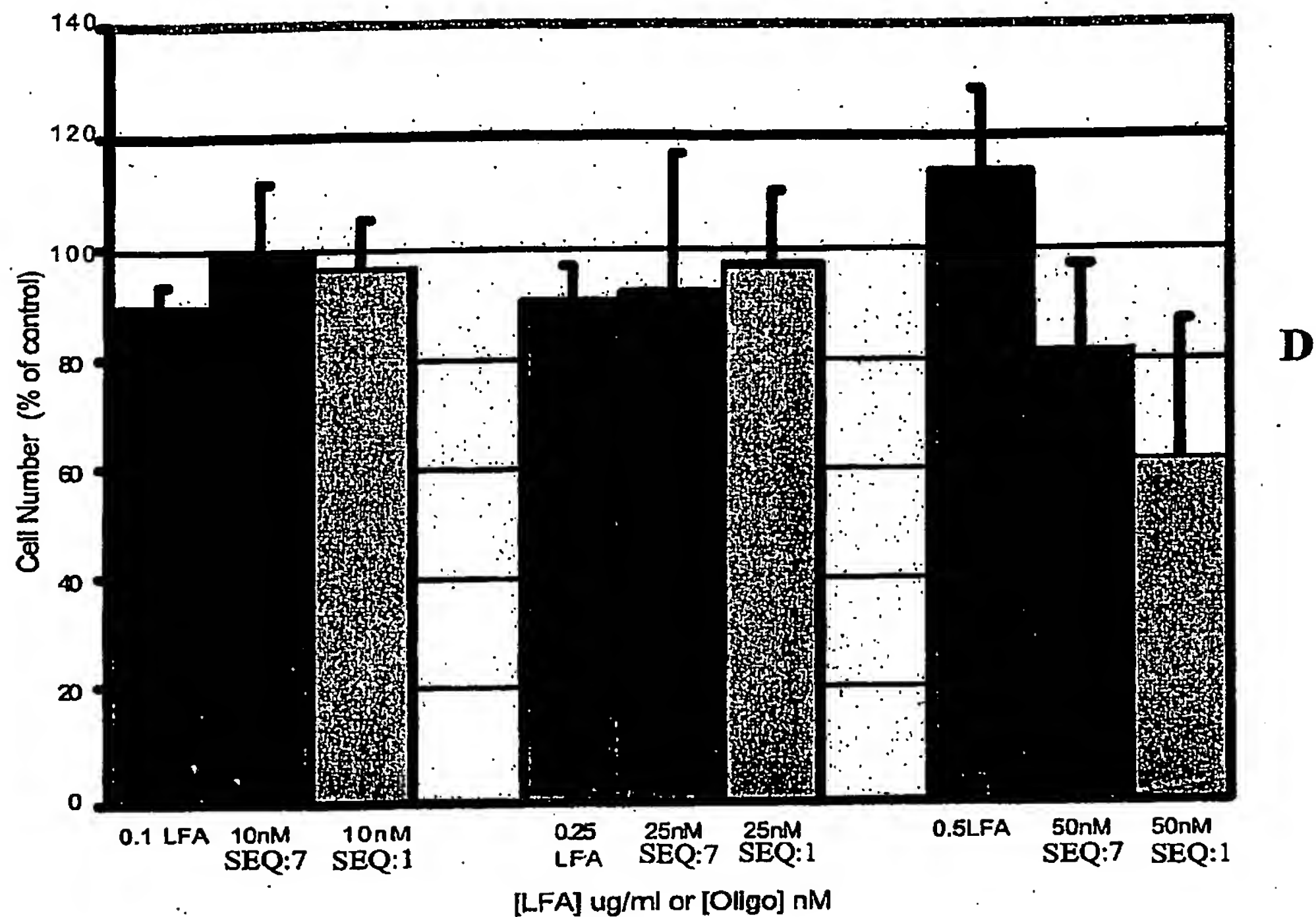
I FA alone
II SEQ ID NO: 7
III SEQ ID NO: 1



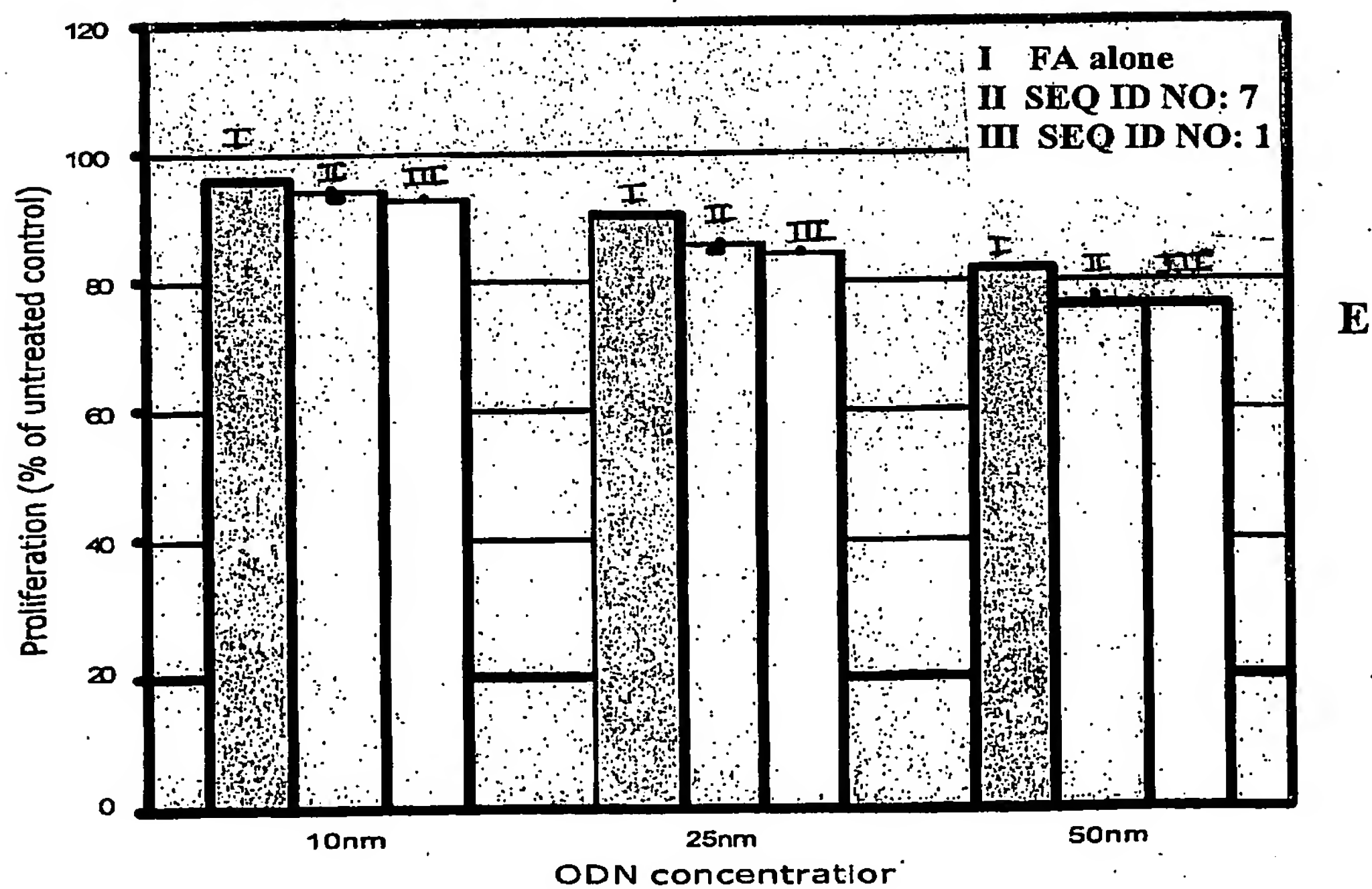
C

I FA alone
II SEQ ID NO: 7
III SEQ ID NO: 1

Figure 7 MCF-7 breast carcinoma



OV-90 Ovarian cancer



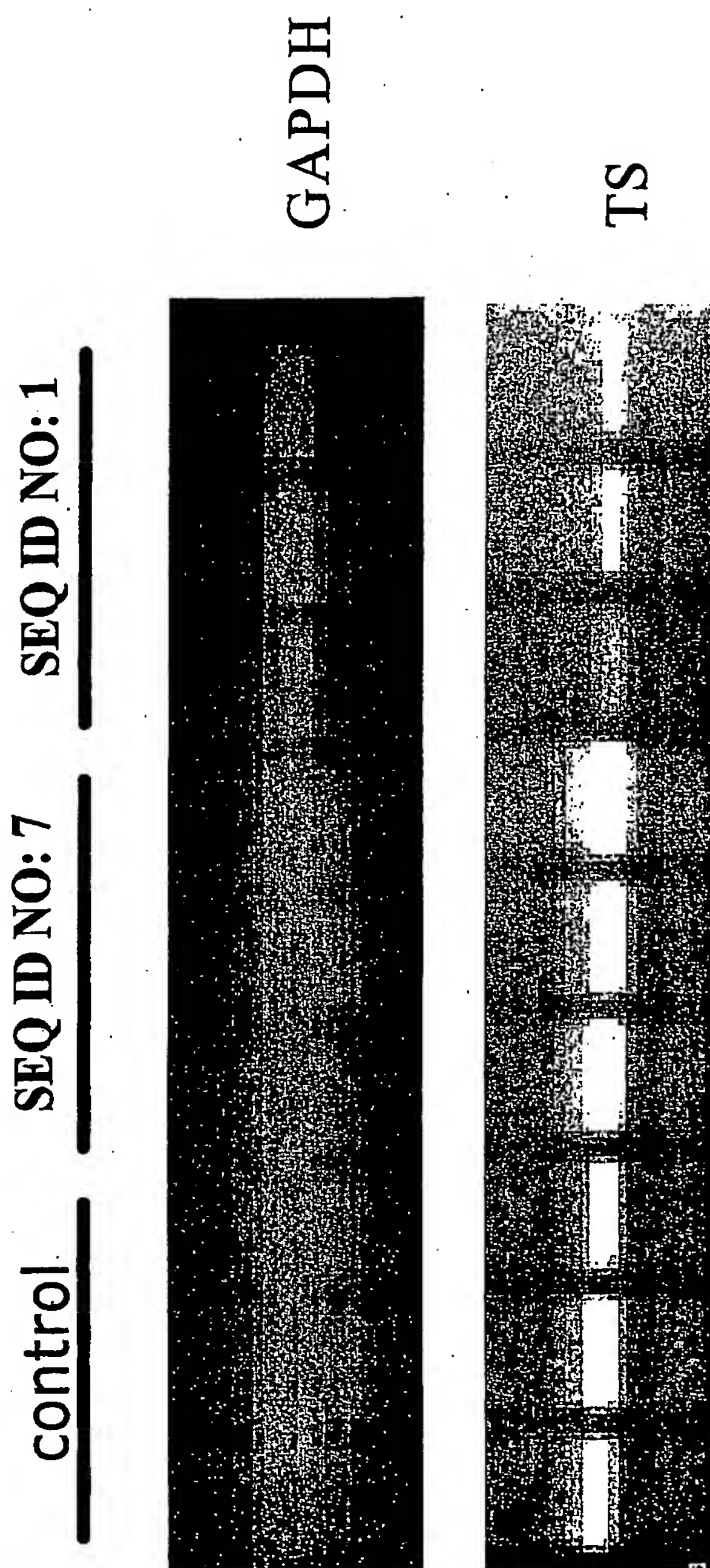
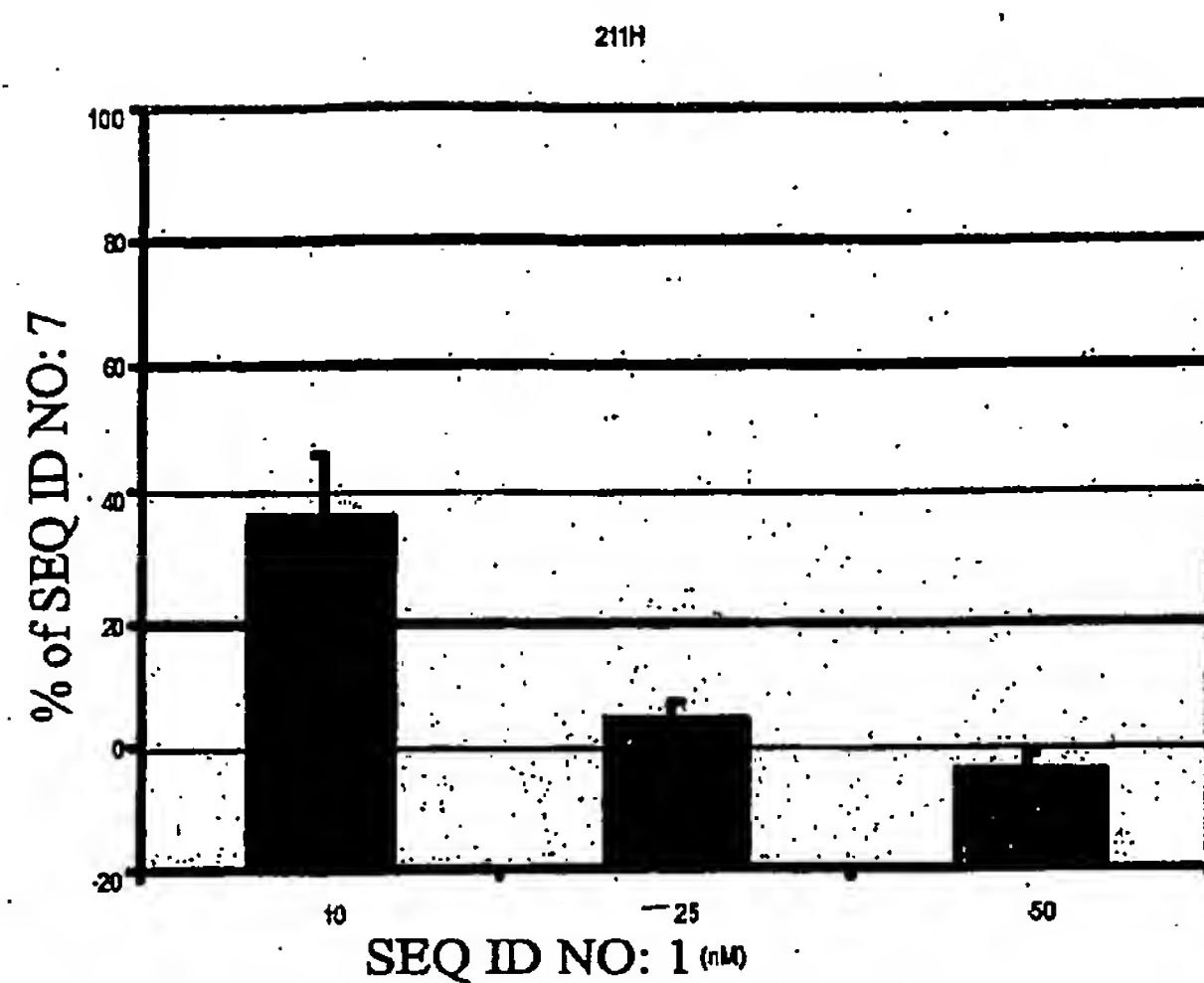
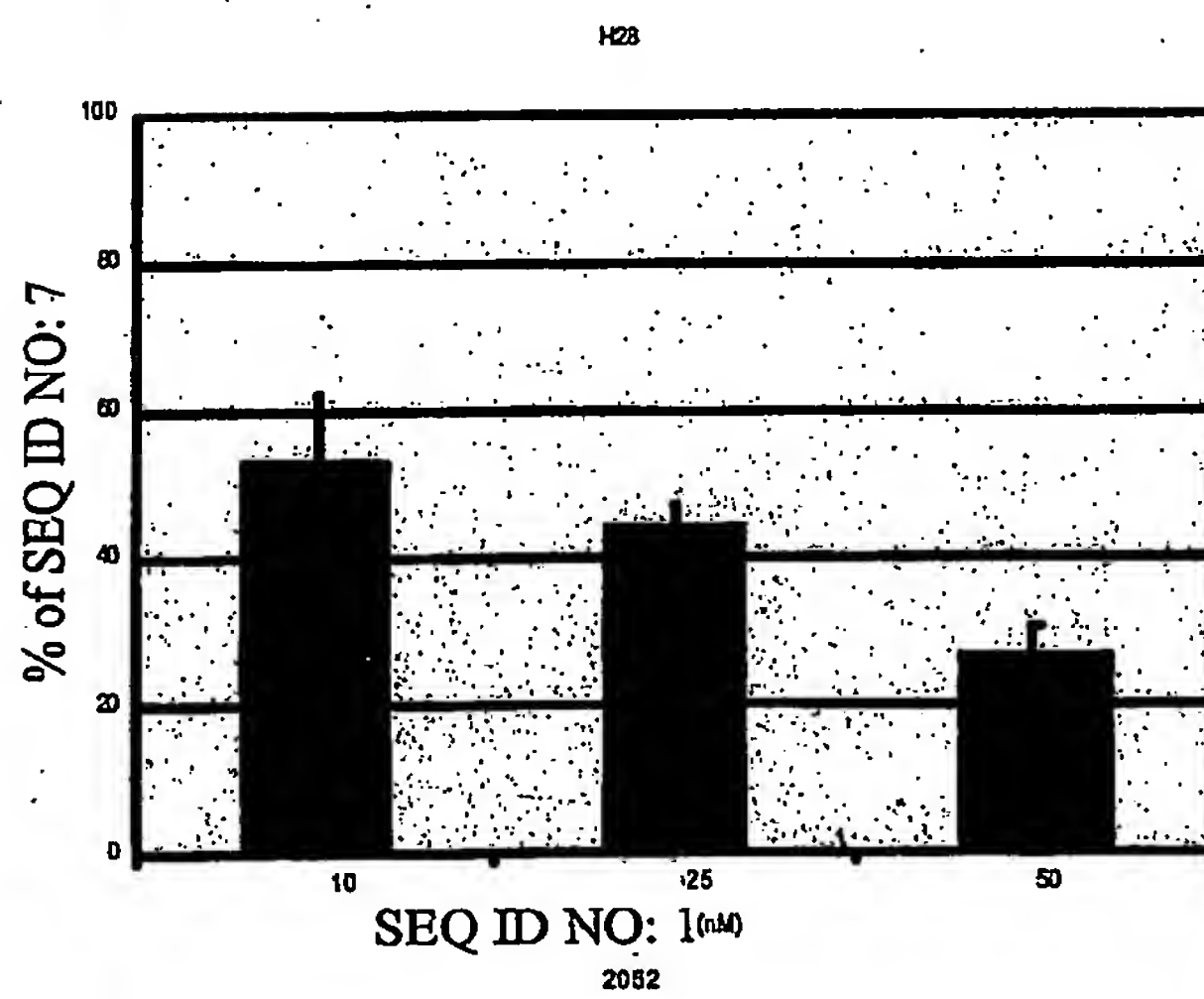


Figure 8

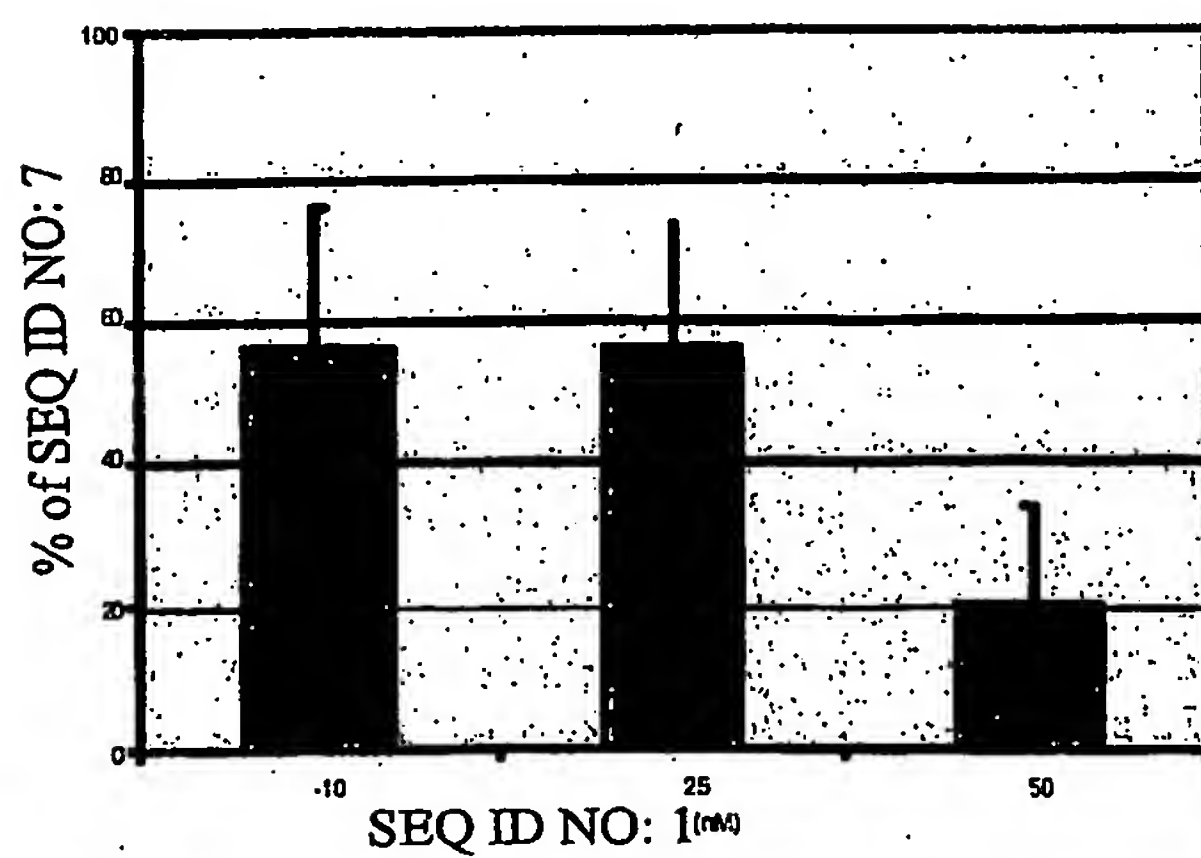
Figure 9



A

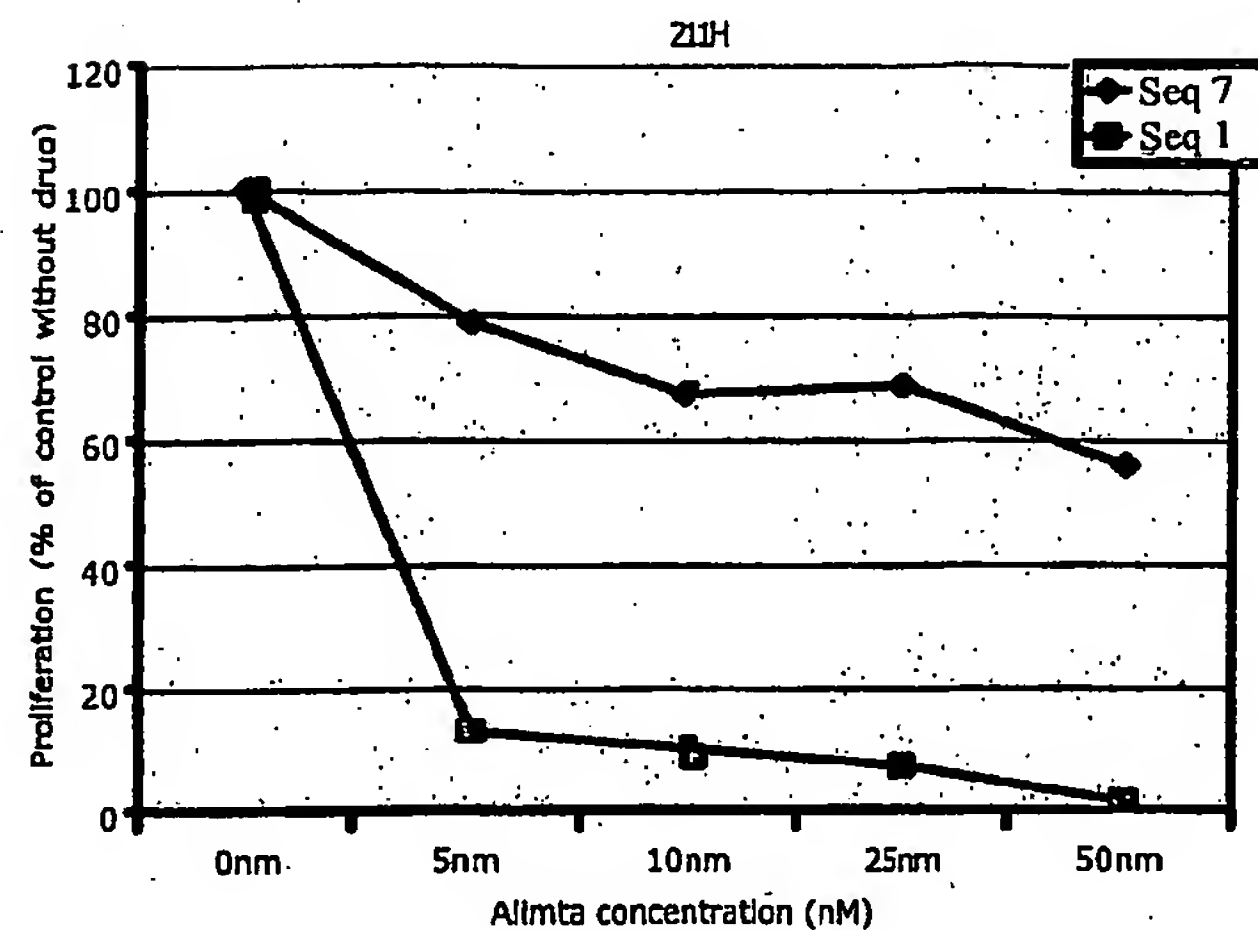


B

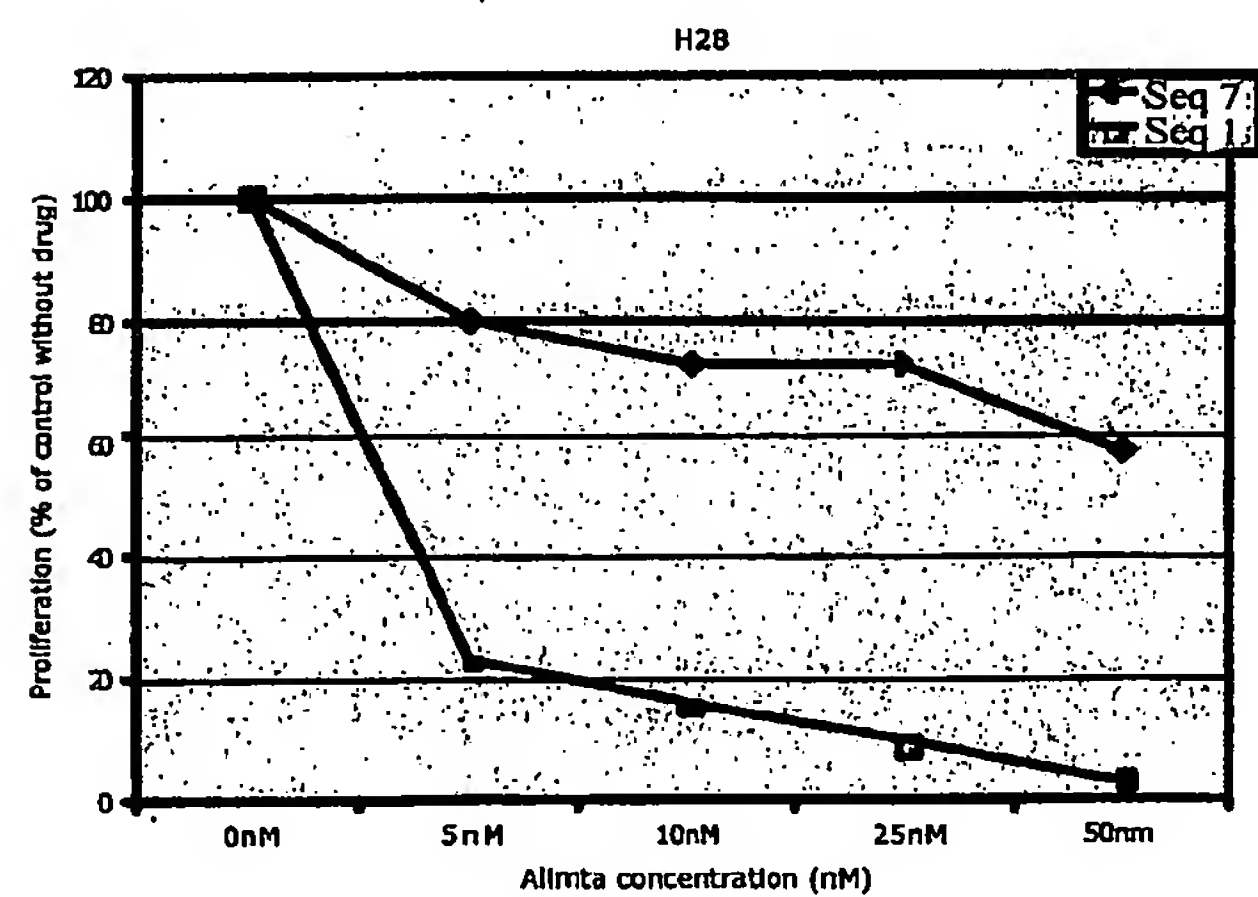


C

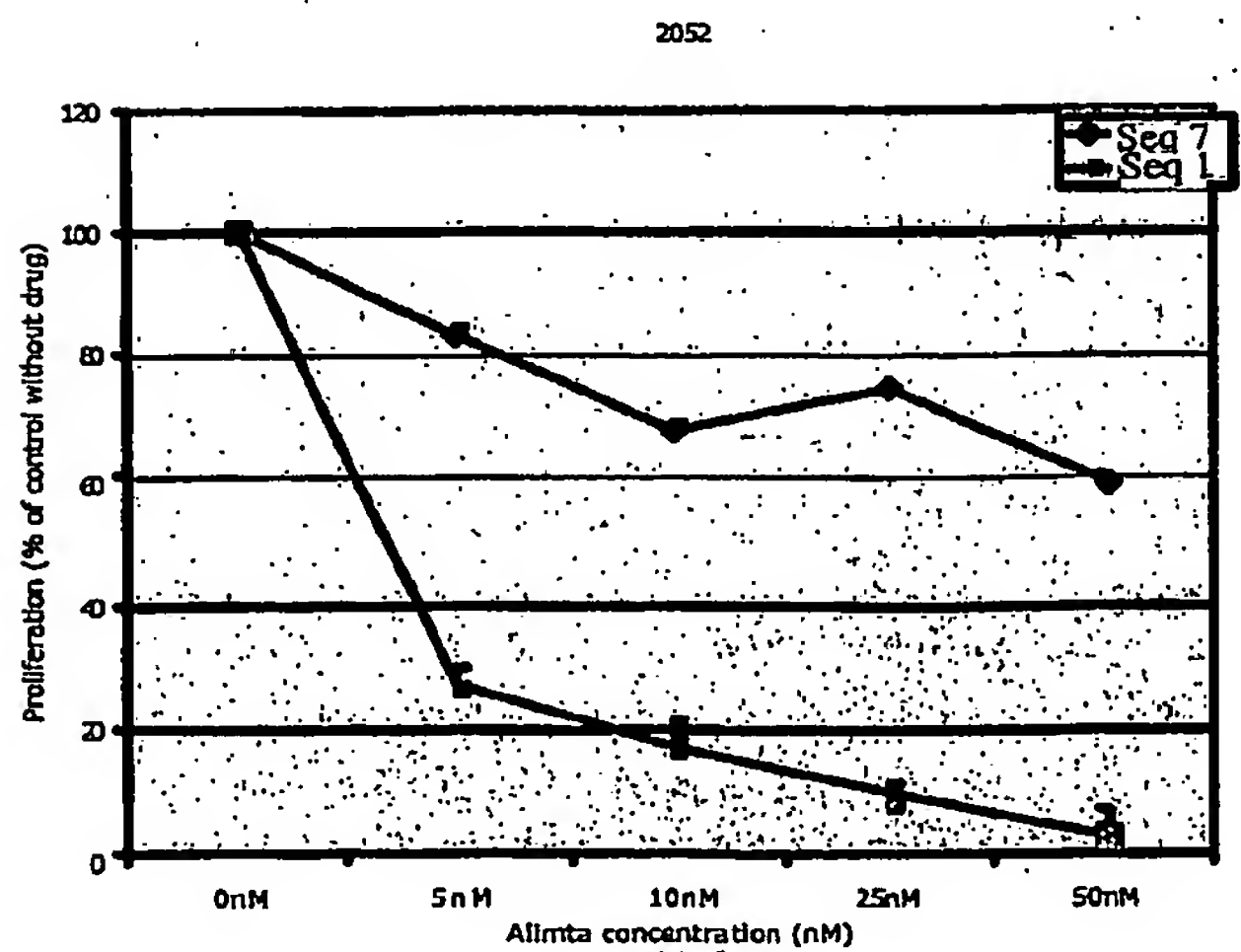
Figure 10 SEQ ID NO:1 Enhances ALIMTA Cytotoxicity



A

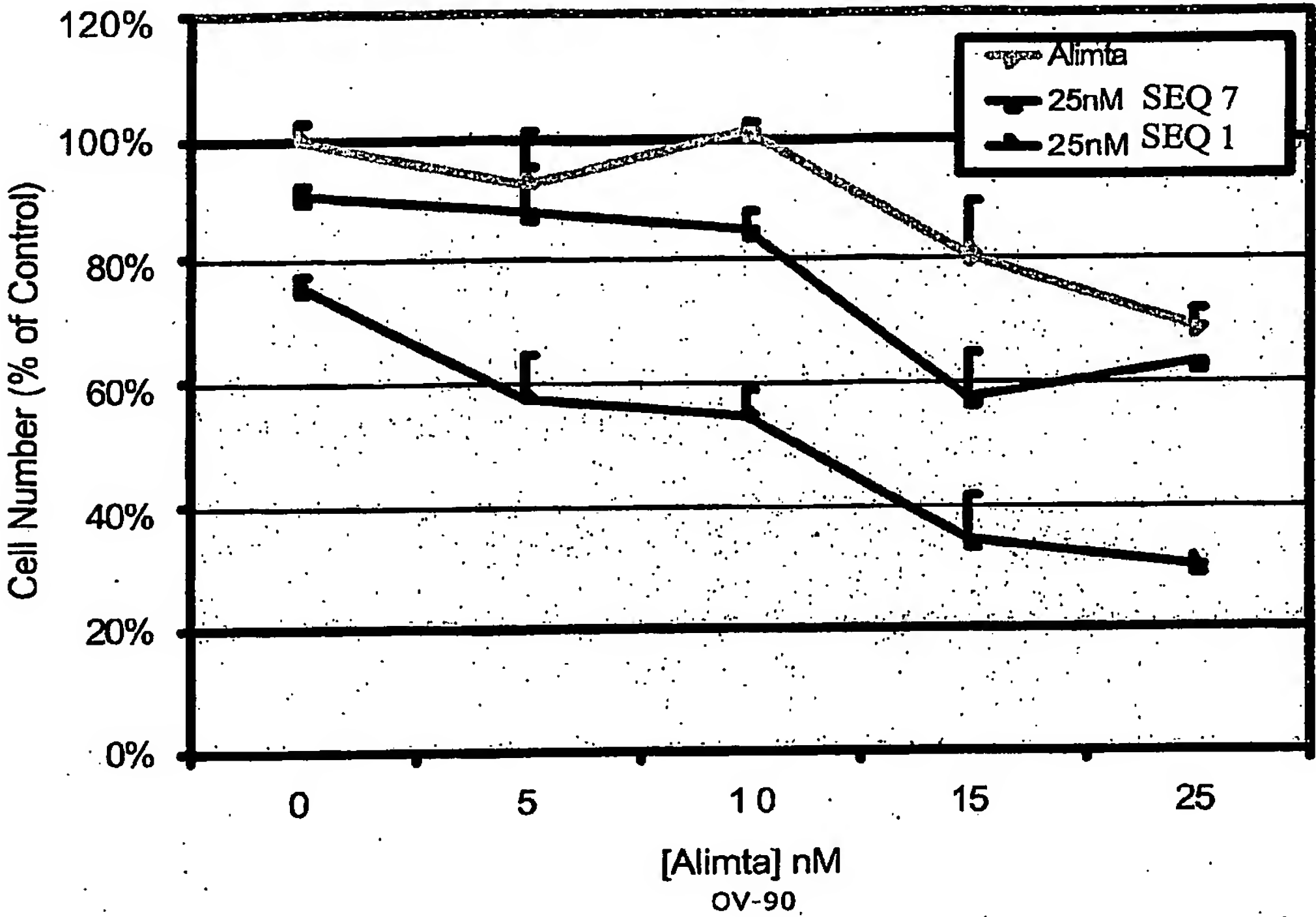


B

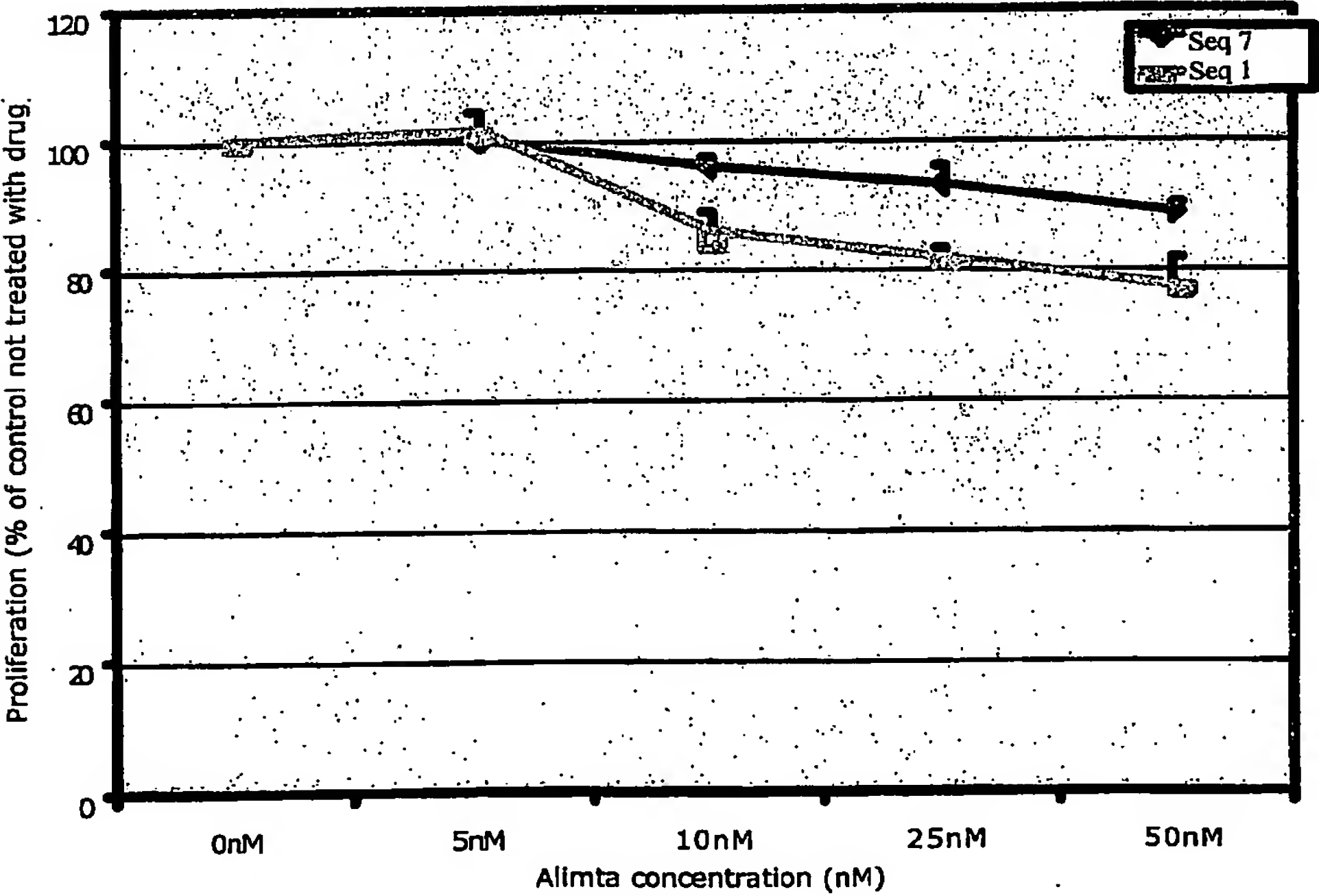


C

Figure 10
MCF-7 breast carcinoma

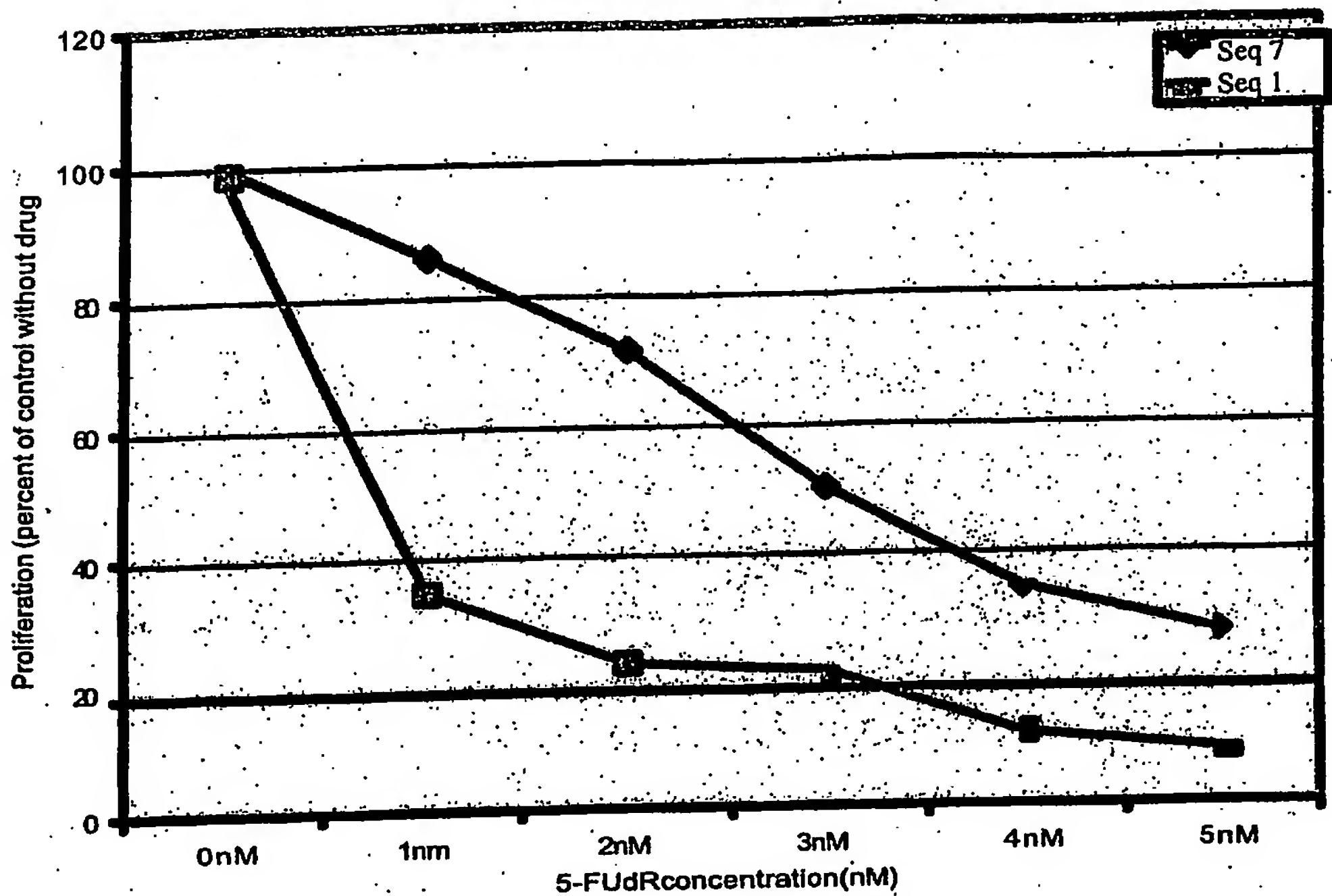


D



E

Figure 11
2052



MCF-7 breast carcinoma

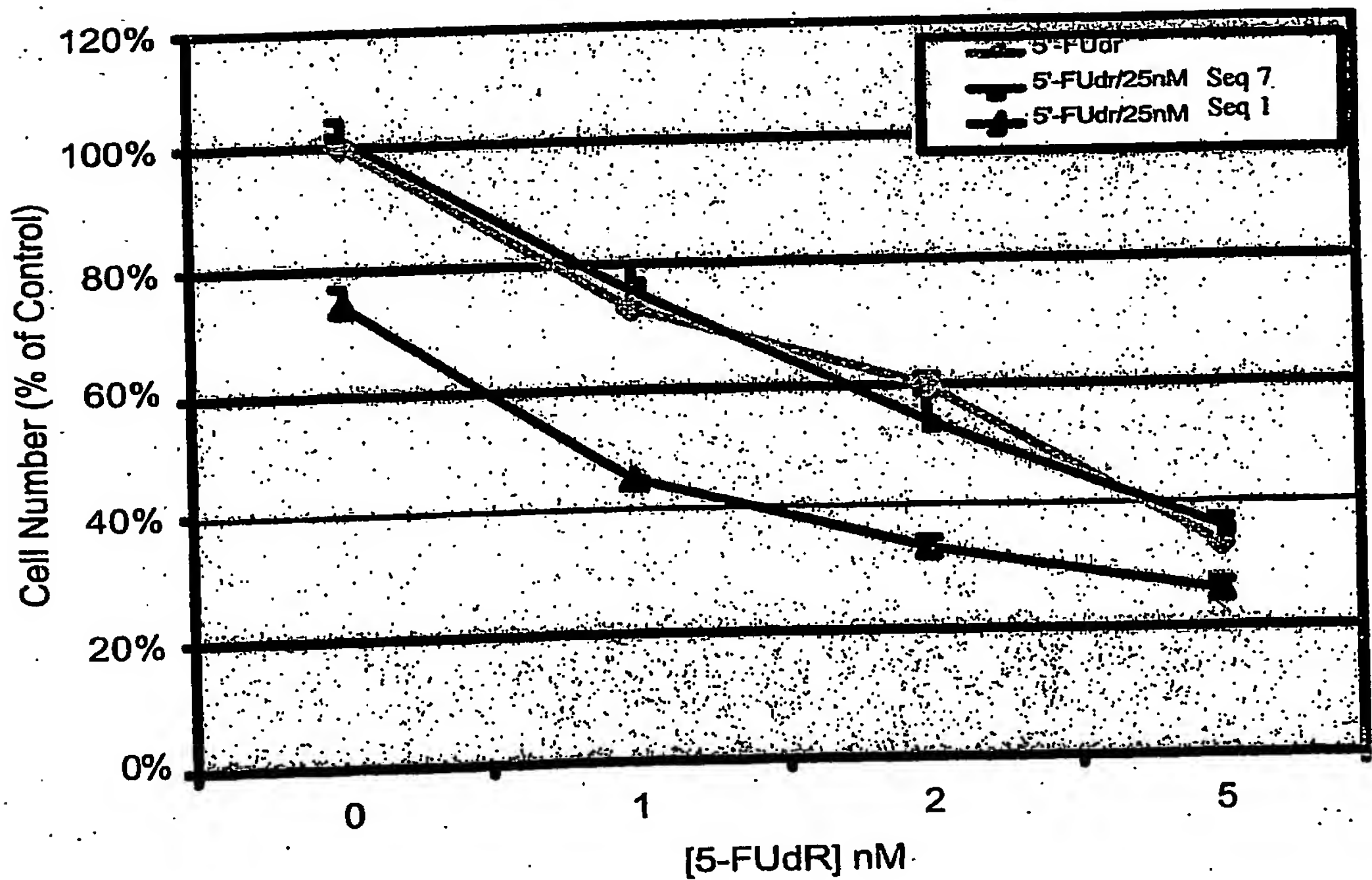


Figure 12

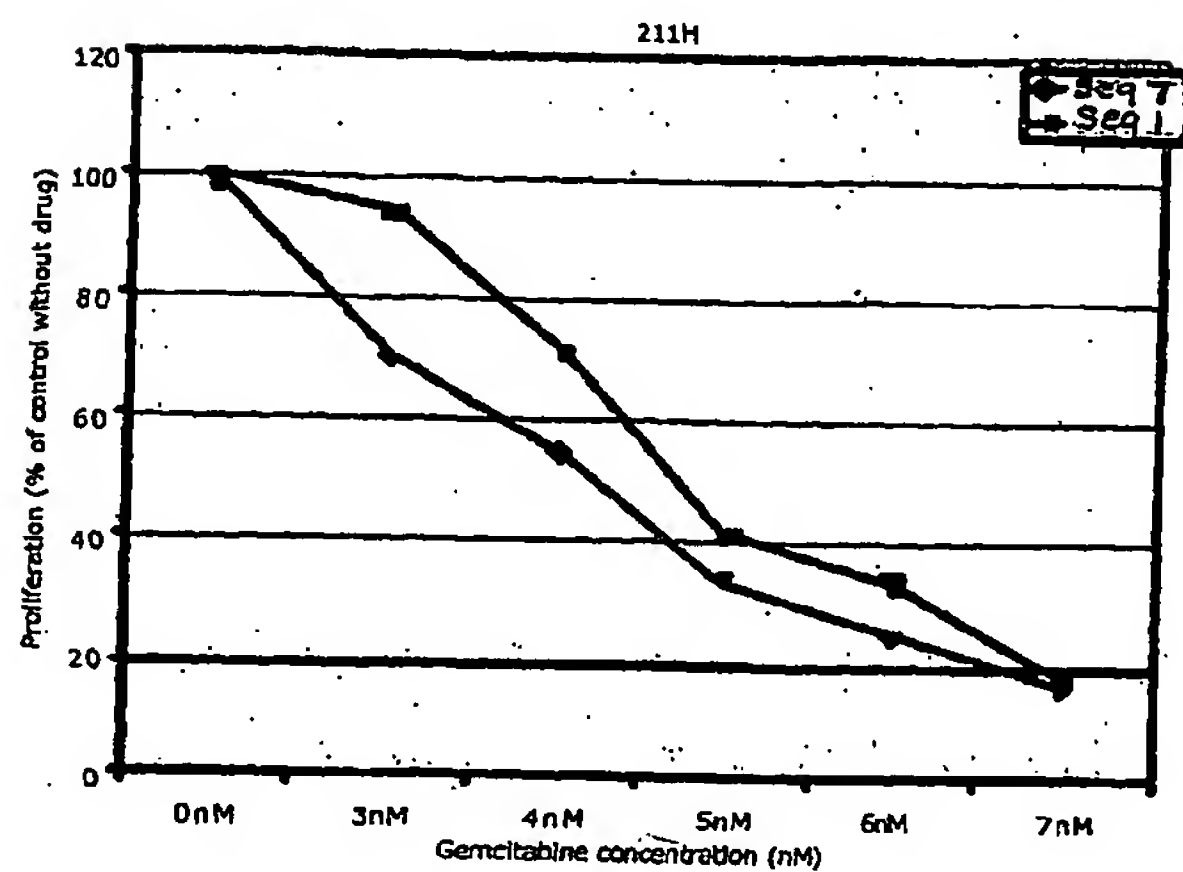
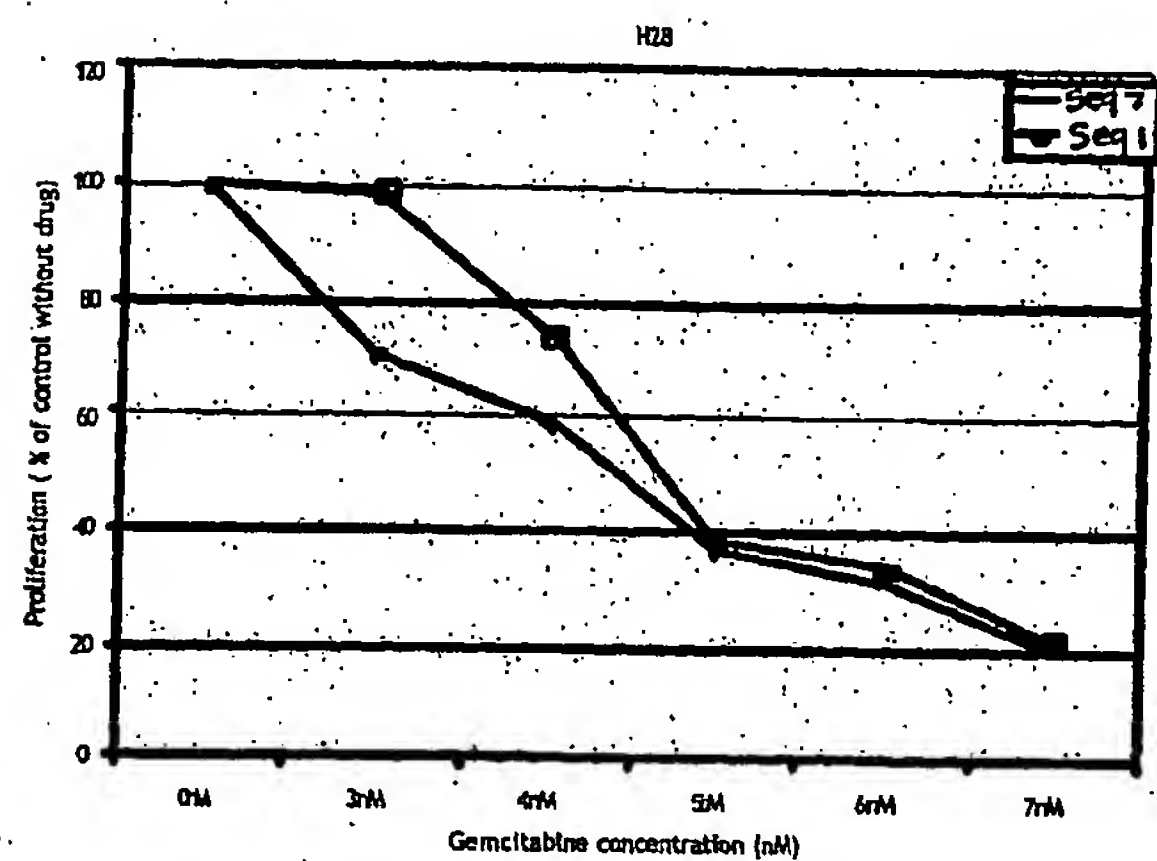
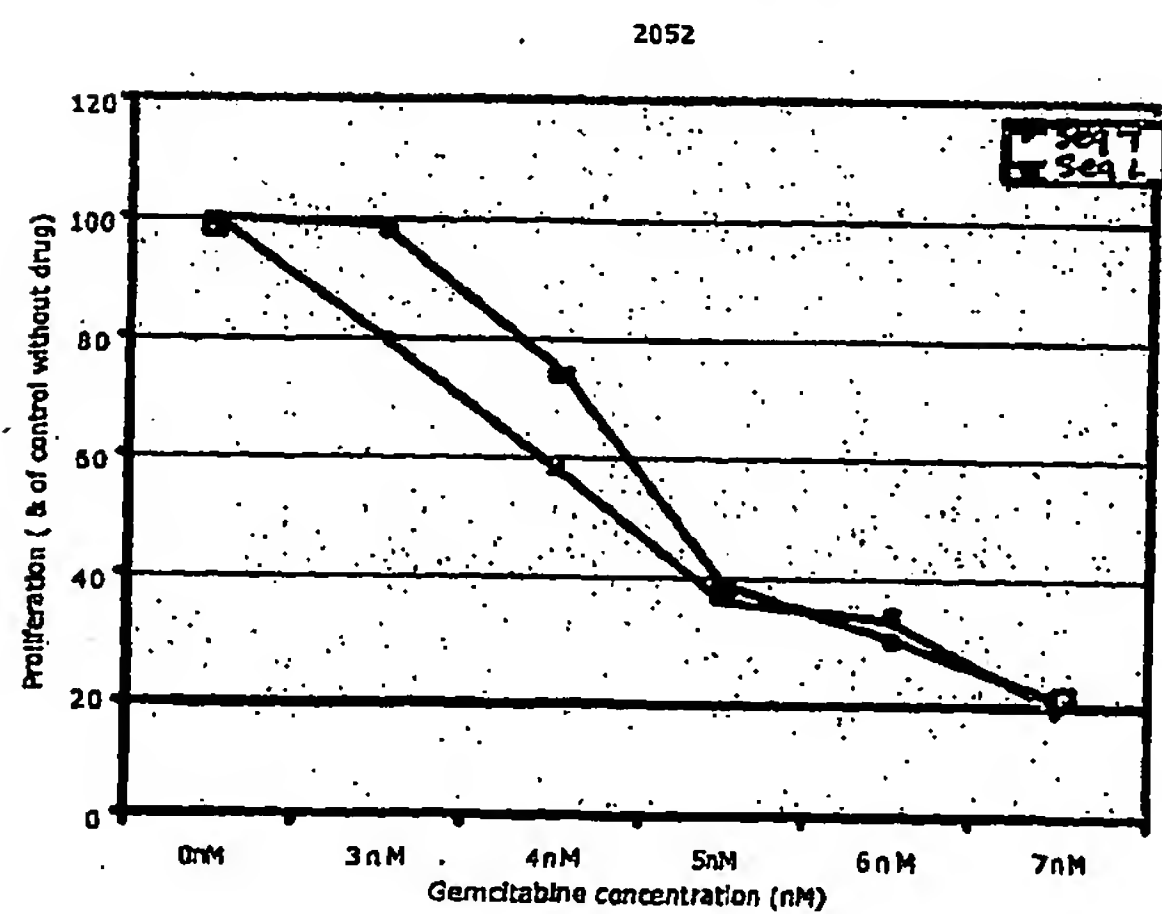
**SEQ ID NO:1 Does Not Affect
Gemcitabine Cytotoxicity****A****B****C**

Figure 13

gi|37478|emb|X02308.1|HSTSYN1 Human mRNA For Thymidylate Synthase (EC 2.1.1.45)

GGGGGGGGGGGGGACCACTTGGCCTGCCTCCGTCCCGCCGCGCCCACTTGGCCTGCCTCCGT
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CGGAGCTGCCGCGCCGGCCCTTGCCCCCGCCGCACAGGAGCGGGACGCCGAGCCGCGTC
CGCCGCACGGGGAGCTGCAGTACCTGGGGCAGATCCAACACATCCTCCGTGCGGGCGTCA
GGAAGGACGACCGCACGGGCACCGGCACCCTGTCCGTATTCCGGCATGCAGGCGCGCTACA
GCCTGAGAGATGAATTCCTCTGCTGACAACCAACCGTGTGTTCTGGAAGGGTGTTTTGA
GGAGTTGCTGTGGTTTATCAAGGGATCCACAAATGCTAAAGAGCTGTCTTCCAAGGGAGT
GAAAATCTGGGATGCCAATGGATCCCGAGACTTTTTGGACAGCCTGGGATTCTCCACCAG
AGAAGAAGGGGACTTGGGCCCAGTTTATGGCTTCCAGTGGAGGCATTTTGGGGCAGAATA
CAGAGATATGGAATCAGATTATTCAGGACAGGGAGTTGACCAACTGCAAAGAGTGATTGA
CACCATCAAAACCAACCCTGACGACAGAAGAATCATCATGTGCGCTTGGAATCCAAGAGA
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GAGCTGTCCTGCCAGCTGTACCAGAGATCGGGAGACATGGGCCTCGGTGTGCCTTTCAAC
ATCGCCAGCTACGCCCTGCTCACGTACATGATTGCGCACATCACGGGCCTGAAGCCAGGT
GACTTTATACACACTTTGGGAGATGCACATATTTACCTGAATCACATCGAGCCACTGAAAA
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TGTAAGTGTGCCAGTTCTTTCCATAATAAAAGGCTTTGAGTTAACTCACTGAGGGTATCTG
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ATGTATGTGCATTTCAATCCACGTAATTATAAAGAAGGTTGGTGAATTTACAAGCTATT
TTTGGAATATTTTGTAGATATTTTAAAGAATTTACAAGCTATTCCCTCAAATCTGAGGGAG
CTGAGTAACACCATCGATCATGATGTAGAGTGTGGTTATGAACCTTATAGTTGTTTTATAT
GTTGCTATAATAAAGAAGTGTTCTGC